# Trístian Paúl López Azuara

Full Web-stack Developer

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## Employment

### Software Developer – Core Covers (2010 – Current)

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| **Information Arquitect** | Organize, collect and categorize the information produced accross departments, then proposed systems that would make effective use of the created knowledge by streamlining operations (automation) or cost reduction. |
| **Web Developer** | Developed Web Applications (Front-end and Back-end) that allow Customer Service representatives to process incoming orders in an efficient and easy manner; *maintaining the number of required employees to perform such tasks at 3.* |
| **Interaction Designer** | Designed the graphical user interfaces for internal applications (new and existing) and the way that the application interacted with the user, this involved close communication with the users and detailed observation on how the user performed tasks before using the developed software. *Reducing the complexity and time required for such tasks* |
| **Database Administrator** | Designed and maintained the databases used by web applications and manufacturing applications, made minor optimizations and normalized (3NF) them. |
| **Server Administrator** | Installed, configured and managed the necessary software to host internal web applications and third party applications that support business processes. Installed and configured local DNS, NTP and firewall services. |

## Skills

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| Languages | English: Fluent, Spanish: Mother-Tongue |
| Programming Languages | 3 Years: Java, Javascript, HTML, CSS, SQL (MySQl Dialect), Bash.. 1.5 Years: Python. 1 Year: PHP, C. C# (2 months) |
| Technologies | Git, SVN, CVS, Nginx, Apache 2, Roundup Issue Tracker, MoinMoin Wiki, Ubuntu/Debian (Server and Desktop), Windows (95 – 7) |
| Frameworks | jQuery, Java Servlets, Tryton ERP |

## Projects

**Web Application:** PHP, Javascript, jQuery, CSS, HTML, MySQL A web application in which customers placed orders that we then validated and processed by customer service. After the order was valid it was downloaded into the production system.
Incorporating all of the functionality (and adding more) contained in the DBRE and REW projects.

**Web API:** Java Servlets, HTML, JSON A web service API that exposes the information contained in the local manufacturing system. It queries an MS Access database using a custom built C# client. It produces output in the JSON format.

**Web Application:** Java Servlets, Javascript, jQuery, CSS, HTML, MySQL A web application in which customers placed orders that were validated and processed by customer service. After the order was valid it was downloaded into the production system.

**Web Application:** Java Servlets, Javascript, jQuery, CSS, HTML, MySQL A web application in which the customer placed warranty claims (provided information included: purchase order, product pictures, product information). The claim was later verified by customer service, afterwards the claim would be approved or denied by business owners as it implied an order remake without charge.

## Education

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| 2008 – Present | **Computer Engineering**, *Universidad Autonoma de Baja California*, Tijuana. Algorithms; Object Oriented Programming; Interaction Design; Artificial Intelligence; Computer Architecture; CUDA Development; Agent-Based Modelling (Fuzzy Agents); Data |
| 2005 – 2008 | **Computer Technician**, *Centro de Estudios Tecnológicos Industrial y de Servicios Número 58*, Tijuana. |